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## ABSTRACT

The 56 tests described in this bibliography include instruments developed by Jean Piaget and others, based on his work. Some instruments apply his concepts to measuring children's abilities and knowledge in mathematics, science, music, and reading. Several tests are diagnostic tests to identify individuals who may need special attention. All ages are represented. This document is one in a series of topical bibliographies from the Test Collection (TC) at Educational Testing Service (ETS) containing descriptions of more than 18,000 tests and other measurement devices prepared by commercial publishers, teachers, educational institutions, professional associations, departments of education, counselors, etc. Each description contains the following basic information: TC Accession Number (a six-digit identification number assigned by the Test Collection); the title of the instrument; personal or institutional author; year of publication or copyright; availability source; grade level for which test is suitable; age level for which test is suitable; and abstract. Other information, which is provided when known, includes subtests, number of test items, and time required to complete the test. Information on accessing the Test Collection via Internet concludes the document. (HAC)

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# PIAGETIAN MEASURES

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PIAGETIAN MEASURES  
OCTOBER 1990

SUPERSEDES SEPTEMBER, 1988 EDITION

## INTRODUCTION

### Scope of Bibliography

This list includes instruments developed by Jean Piaget and others, based upon his work. Some instruments apply his concepts to measuring children's abilities and knowledge in mathematics, science, music and reading.

### Availability

Copies of the tests described on the following pages must be obtained directly from the publisher, as stated in the AV AVAILABILITY section of each test citation. Generally, the Test Collection does not have distribution rights for its holdings. However, in special instances, the Test Collection has been granted permission from individual authors to distribute their tests, which are primarily research instruments. The AV AVAILABILITY information for these instruments will be Tests in Microfiche, Test Collection, Educational Testing Service, Princeton, NJ 08541.

### Guide to Citation Elements

The following is a guide to the various elements which may be present in a test citation:

- AN - Six-digit identification number assigned by the Test Collection
- TI - Name of the instrument
- DT - Components within the overall test which assess particular skills or factors
- AU - Personal or institutional author
- YR - Year test was published or copyrighted
- AV - Test publisher or distributor; the organization which sells or distributes the instrument

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GL - List of grades for which test is suitable

TG - List of ages for which test is suitable

AB - A description of the test and its purpose

AN ACCESSION NUMBER: TC016273 ETS 8908.  
 TI TITLE: The Board-Block Test.  
 AU AUTHOR: Eliot-John.  
 YR YEAR: 88.  
 AV AVAILABILITY: Dr. John Eliot; Institute for Child Study, University of Maryland, College Park, MD 20742.  
 TG TARGET AUDIENCE: AGE 7-17, Adults.  
 NT NOTES:  
 TIME: 20.  
 ITEMS: 30.  
 AB ABSTRACT: This paper and pencil test was designed to measure the ability to perceive and to imagine object arrangements from different viewpoints. Each test item consists of a page showing a photograph of five blocks arranged around a large black baseboard, and six side-view photographs of these same blocks taken from various positions around the baseboard. Subjects indicate where they would have to stand, in reference to the baseboard photograph, in order to see each of the side-view photographs. This procedure is an adaptation of Piaget's three mountain task. When group-administered, grade 4 is the lower limit. For individuals, it is useful at grade 2 or 3. May be used with non-readers as instructions are pictorial. For research use only.

AN ACCESSION NUMBER: TC014609 ETS 8609.  
 TI TITLE: Southern California Ordinal Scales of Development: Scale of Cognition.  
 AU INSTITUTIONAL AUTHOR: California State Department of Education.  
 YR YEAR: 77.  
 AV AVAILABILITY: Foreworks; Box 9747; North Hollywood, CA 91609.  
 TG TARGET AUDIENCE: AGE 2-12.  
 NT NOTES:  
 AB ABSTRACT: Developed by the Diagnostic School for Neurologically Handicapped Children, Southern California, State Department of Education as a complete Piagetian system that combines classroom and clinical assessment. The series consists of six cross-referenced Piagetian developmental scales. Each scale assesses all levels of development from sensorimotor through formal operations. Useful for comparative assessments, ability grouping, research, and individualized education program (IEP) development. Designed especially for use with multiply handicapped, developmentally delayed, and learning disordered persons, but may be used with all other children. Scales are considered to be culture-free and non-sexist. Administration of the scale consists of informal observation of the child within the environment. This scale relies on Piaget's model of intellectual development to determine child's level of cognitive functioning and to assess quality of sensory and information processing at that level. Areas assessed are development of means, object, concept, and imitation.

AN ACCESSION NUMBER: TC014608 ETS 8609.  
 TI TITLE: Southern California Ordinal Scales of Development: Scale of Communication.  
 AL INSTITUTIONAL AUTHOR: California State Department of Education.  
 YR YEAR: 77.  
 AV AVAILABILITY: Foreworks; Box 9747; North Hollywood, CA 91609.  
 TG TARGET AUDIENCE: AGE 2-12.  
 NT NOTES:  
 AB ABSTRACT: Developed by the Diagnostic School for Neurologically Handicapped Children, Southern California, State Department of Education as a complete Piagetian system that combines classroom and clinical assessment. The series consists of six cross-referenced Piagetian developmental scales. Each scale assesses all levels of development from sensorimotor through formal operations. Useful for comparative assessments, ability grouping, research, and individualized education program (IEP) development. Designed especially for use with multiply handicapped, developmentally delayed, and learning disordered persons, but may be used with all other children. Scales are considered to be culture-free and non-sexist. Administration of the scale consists of informal observation of the child within the environment. This scale is designed to assess the full range of oral and gestural expression and comprehension within a framework of Piaget's model of development. Scale is divided into receptive and expressive behavior, and within each area, the development strands assessed include awareness of self and environment, imitation, communicative mediation, and symbolization.

AN ACCESSION NUMBER: TC014607 ETS 8609.  
 TI TITLE: Southern California Ordinal Scales of Development: Scale of Social-Affective Behavior.  
 AU INSTITUTIONAL AUTHOR: California State Department of Education.  
 YR YEAR: 77.  
 AV AVAILABILITY: Foreworks; Box 9747; North Hollywood, CA 91609.  
 TG TARGET AUDIENCE: AGE 2-12.  
 NT NOTES:  
 AB ABSTRACT: Developed by the Diagnostic School for Neurologically Handicapped Children, Southern California, State Department of Education as a complete Piagetian system that combines classroom and clinical assessment. The series consists of six cross-referenced Piagetian developmental scales. Each scale assesses all levels of development from sensorimotor through formal operations. Useful for comparative assessments, ability grouping, research, and individualized education program (IEP) development. Designed especially for use with multiply handicapped, developmentally delayed, and learning disordered persons, but may be used with all other children. Scales are considered to be culture-free and non-sexist. Administration of the scale consists of informal

observation of the child within the environment. This scale assesses two areas: self-awareness and relationships with others. Assessment procedures include observation, interviews, and simulations.

AN ACCESSION NUMBER: TC014606 ETS 8609.  
 TI TITLE: Southern California Ordinal Scales of Development: Scale of Practical Abilities.  
 AU INSTITUTIONAL AUTHOR: California State Department of Education.  
 YR YEAR: 77.  
 AV AVAILABILITY: Foreworks; Box 9747; North Hollywood, CA 91609.  
 TG TARGET AUDIENCE: AGE 2-12.  
 NT NOTES:  
 AB ABSTRACT: Developed by the Diagnostic School for Neurologically Handicapped Children, Southern California, State Department of Education as a complete Piagetian system that combines classroom and clinical assessment. The series consists of six cross-referenced Piagetian developmental scales. Each scale assesses all levels of development from sensorimotor through formal operations. Useful for comparative assessments, ability grouping, research, and individualized education program (IEP) development. Designed especially for use with multiply handicapped, developmentally delayed, and learning disordered persons, but may be used with all other children. Scales are considered to be culture-free and non-sexist. Administration of the scale consists of informal observation of the child within the environment. This scale is designed to assess personal independence and the ability to care for basic needs. Developmental areas assessed include eating, dressing, personal-hygiene, safety and social awareness.

AN ACCESSION NUMBER: TC014605 ETS 8609.  
 TI TITLE: Southern California Ordinal Scales of Development: Scale of Gross Motor Abilities.  
 AU INSTITUTIONAL AUTHOR: California State Department of Education.  
 YR YEAR: 77.  
 AV AVAILABILITY: Foreworks; Box 9747; North Hollywood, CA 91609.  
 TG TARGET AUDIENCE: AGE 2-12.  
 NT NOTES:  
 AB ABSTRACT: Developed by the Diagnostic School for Neurologically Handicapped Children, Southern California, State Department of Education as a complete Piagetian system that combines classroom and clinical assessment. The series consists of six cross-referenced Piagetian developmental scales. Each scale assesses all levels of development from sensorimotor through formal operations. Useful for comparative assessments, ability grouping, research, and individualized education program (IEP) development. Designed especially for use with multiply handicapped, developmentally delayed, and learning disordered persons, but may be used with all other children. Scales are considered to be culture-free and

non-sexist. Administration of the scale consists of informal observation of the child within the environment. This scale assesses a continuum of abilities ranging from simple reflexes to complex motor actions. Developmental areas assessed include strength, balance, mobility, and coordination.

AN ACCESSION NUMBER: TC014604 ETS 8609.

TI TITLE: Southern California Ordinal Scales of Development: Scale of Fine Motor Abilities.

AU INSTITUTIONAL AUTHOR: California State Department of Education.

YR YEAR: 77.

AV AVAILABILITY: Foreworks; Box 9747; North Hollywood, CA 91609.

TG TARGET AUDIENCE: AGE 2-12.

NT NOTES:

AB ABSTRACT: Developed by the Diagnostic School for Neurologically Handicapped Children, Southern California, State Department of Education as a complete Piagetian system that combines classroom and clinical assessment. The series consists of six cross-referenced Piagetian developmental scales. Each scale assesses all levels of development from sensorimotor through formal operations. Useful for comparative assessments, ability grouping, research, and individualized education program (IEP) development. Designed especially for use with multiply handicapped, developmentally delayed and learning disordered persons, but may be used with all other children. Scales are considered to be culture-free and non-sexist. Administration of the scale consists of informal observation of the child within the environment. This scale assesses fine motor abilities within a Piagetian framework. Areas assessed include dexterity, perceptual motor, and graphomotor development.

AN ACCESSION NUMBER: TC014524 ETS 8605.

TI TITLE: Evaluating Communicative Competence, Revised Edition.

AU AUTHOR: Simon-Charlann-S.

YR YEAR: 86.

AV AVAILABILITY: Communication Skill Builders; 3830 E. Bellevue, Tucson, AZ 85733.

GL GRADE LEVEL: 4; 5; 6; 7; 8; 9; 10; 11; 12.

TG TARGET AUDIENCE: AGE 9-17, Adults.

NT NOTES:

ITEMS: 21.

AB ABSTRACT: A series of 21 informal evaluation probes in two categories: auditory tasks and expressive tasks. It is useful for clinicians to use to aid in obtaining descriptive data, on metalinguistic and communication skills. Information from the probes allows clinician to decide if a student should be included in the case load, to determine the frequency of remediation contacts, and to determine a realistic baseline upon which specific pragmatic



individualized education program (IEP) objectives can be written. Cognitive level of the 21 tasks is appropriate for those who have reached or are entering Piaget's concrete operational stage and who have a mean length of utterance of at least 4.5 words.

AN ACCESSION NUMBER: TC014024 ETS 8602.  
 TI TITLE: Cognitive Observation Guide.  
 AU AUTHOR: Foley-Gilbert-M; Appel-Marilyn-H.  
 AV AVAILABILITY: Gilbert M. Foley; Albright College, 13th and Exeter Streets, Reading, PA 19603.  
 TG TARGET AUDIENCE: AGE 0-2.  
 AB ABSTRACT: An informal, criterion-referenced observation guide for assessing cognition. Composed of 24 subskills with behavioral indicators for each, arranged by age level. Indicates child's progress toward developing cognitive skills. Uses Piaget's concepts.

AN ACCESSION NUMBER: TC013889 ETS 8503.  
 TI TITLE: Classroom Test of Formal Reasoning.  
 AU AUTHOR: Lawson-Anton-E.  
 YR YEAR: 78.  
 AV AVAILABILITY: Journal of Research in Science Teaching; v15 n1 p11-24; 1978.  
 GL GRADE LEVEL: 7; 8; 9; 10; 11; 12; Higher Education.  
 NT NOTES:  
 TIME: 100; approx.  
 ITEMS: 15.  
 AB ABSTRACT: Development of a 15-item test to measure concrete and formal operational reasoning, defined as those reasoning processes that guide the search for and evaluate evidence to support or reject hypothetical causal propositions. Each item involves a demonstration using some physical materials and/or apparatus. Each demonstration was used to pose a question or call for a prediction. Students wrote three answers in test booklets. Test is meant primarily for use by teachers interested in assessing developmental levels of their students.

AN ACCESSION NUMBER: TC013739 ETS 8506.  
 TI TITLE: The Preverbal Assessment-Intervention Profile.  
 AU AUTHOR: Connard-Patricia.  
 YR YEAR: 84.  
 AV AVAILABILITY: ASIEP Education Company; Dept. A-11, P.O. Box 12147,  
 Portland, OR 97212.  
 TG TARGET AUDIENCE: AGE 2-17, Adults.  
 AB ABSTRACT: Developed as an individualized assessment for severely  
 and multihandicapped preintentional learners. The sensori-motor  
 domains of auditory, visual, vocal/oral, and motor are evaluated and  
 yield an individualized preverbal/motor assessment profile. Test  
 incorporates Piagetian sensori-motor framework, stages I-III. Test  
 is used to evaluate prelinguistic behavior of subjects on whom the  
 profile was standardized: subjects with severe mental, physical, and  
 sensory deficits.

AN ACCESSION NUMBER: TC013468 ETS 8506.  
 TI TITLE: Arlin Test of Formal Reasoning.  
 DT SUBTESTS: Volume; Probability; Correlations; Combinations;  
 Proportions; Momentum; Mechanical Equilibrium; Frames of  
 Reference.  
 AU AUTHOR: Arlin-Patricia-Kennedy.  
 YR YEAR: 84.  
 AV AVAILABILITY: Slosson Educational Publications; P.O. Box 280; East  
 Aurora, N. 14052.  
 GL GRADE LEVEL: 6; 7; 8; 9; 10; 11; 12.  
 NT NOTES:  
 TIME: 60; approx.  
 ITEMS: 32.  
 AB ABSTRACT: Designed for large-group administration to assess  
 students' levels of cognitive development. Also yields specific  
 subtest scores which refer to each of Inhelder and Piaget's eight  
 formal schemata. May be used diagnostically by teachers in  
 instructional planning. May also be used in conjunction with other  
 instruments to screen students for programs for the gifted and for  
 early admission to special science and mathematics classes. Can  
 also be individually administered to students with reading and other  
 learning disabilities, to probe their logical reasoning skills  
 separately from general achievement and intelligence tests. In  
 addition to testing the instrument on students in grades 6-12, some  
 selected adult samples were also used. The majority of those in the  
 norm sample represents white middle-class students for whom English  
 is a first language. The publisher is planning to provide a wider  
 range of forms for other representative populations in North  
 America.

AN ACCESSION NUMBER: TC013359 ETS 8506.  
 TI TITLE: Piaget Infancy Scales.  
 DT SUBTESTS: Object Permanence; Means-Ends Scale; Development of Schemas in Relation to Objects; Development of Causality; Developmental Achievement of the Construction of the Object in Space; Development of Vocal and Gestural Imitation; Prehension.  
 AU AUTHOR: Honig-Alice-S.  
 YR YEAR: 70.  
 AV AVAILABILITY: Family Development Research Program; Attn: Alice S. Honig, 201 Slocum Hall, Syracuse University, Syracuse, NY 13210.  
 TG TARGET AUDIENCE: AGE 0-2.  
 NT NOTES:  
 TIME: 120; approx.  
 AB ABSTRACT: Designed to assess the development of infants from ages six months to two years. Assessments are conducted at three month intervals. Used to assess development of children attending the Syracuse University Children's Center.

AN ACCESSION NUMBER: TC012486 ETS 8506.  
 TI TITLE: Circles Test of Focal Attention.  
 AU AUTHOR: Santostefano-Sebastiano.  
 YR YEAR: 78.  
 AV AVAILABILITY: Santostefano, Sebastiano; A Biodevelopmental Approach to Clinical Child Psychology, New York: John Wiley & Sons, 1978.  
 TG TARGET AUDIENCE: AGE 5-15.  
 NT NOTES:  
 ITEMS: 33.  
 AB ABSTRACT: Designed to assess cognitive principle of focal attention. Respondents who scan items broadly and actively show better performance on this instrument.

AN ACCESSION NUMBER: TC012065 ETS 8506.  
 TI TITLE: Piagetian Measures of Cognitive Development For Children up to Age Two.  
 AU AUTHOR: Mehrabian-Albert; Williams-Martin.  
 YR YEAR: 71.  
 AV AVAILABILITY: Albert Mehrabian; 1130 Alta Mesa Rd., Monterey, CA 93940.  
 TG TARGET AUDIENCE: AGE 0-2.  
 NT NOTES:  
 TIME: 30; approx.  
 ITEMS: 28.  
 AB ABSTRACT: Designed for use in exploring the effect of level of cognitive development on linguistic functioning. Based on Piaget's concepts. Administered individually in one session.

AN ACCESSION NUMBER: TC011329 ETS 8403.  
 TI TITLE: Let's Look at Children, II.  
 DT SUBTESTS: One-to-One Correspondence; Conservation of Number;  
 Conservation of Water; Conservation of Clay; Seriation; Floating  
 and Sinking; Rain Interview.  
 AU AUTHOR: Chittenden-Edward and Others.  
 YR YEAR: 81.  
 AV AVAILABILITY: CTB/McGraw-Hill; 2500 Garden Road, Monterey,  
 CA 93940.  
 GL GRADE LEVEL: K; 1; 2; 3.  
 AB ABSTRACT: Describes aspects of Piaget's work and contemporary  
 theory about the child's construction of knowledge. Includes their  
 responses to selected assessment procedures. Also describes aspects  
 of contemporary theory of the development of language comprehension  
 and production.

AN ACCESSION NUMBER: TC011119 ETS 8403.  
 TI TITLE: Valett Inventory of Critical Thinking Abilities.  
 DT SUBTESTS: Imagination; Evaluation; Humor; Application;  
 Comprehension; Synthesis; Verbal Concepts; Calculation;  
 Analysis; Knowledge.  
 AU AUTHOR: Valett-Robert-E.  
 YR YEAR: 81.  
 AV AVAILABILITY: Academic Therapy Publications; 20 Commercial Blvd.,  
 Novato, CA 94947.  
 TG TARGET AUDIENCE: AGE 4-12.  
 NT NOTES:  
 TIME: 40.  
 ITEMS: 100.  
 AB ABSTRACT: Criterion-referenced instrument designed to assess  
 problem solving skills and abilities. Based on a neo-Piagetian  
 model emphasizing developmental stages. Consists of a series of  
 problem solving tasks.

AN ACCESSION NUMBER: TC010783 ETS 8403.  
 TI TITLE: Butch and Slim.  
 AU AUTHOR: Ward-J.  
 YR YEAR: 72.  
 AV AVAILABILITY: British Journal of Educational Psychology; v42  
 p267-89; 1972.  
 TG TARGET AUDIENCE: AGE 10-18.  
 NT NOTES:  
 TIME: 24.  
 ITEMS: 32.  
 AB ABSTRACT: Individually administered game of propositional logic  
 based on Piaget's combinatorial analysis of children's thinking in  
 adolescence. Discriminates children of high intelligence. Uses  
 theme of two bankrobbers.

AN ACCESSION NUMBER: TC010096 ETS 8403.  
 TI TITLE: Modified Version of the Infant Psychological Development Scale.  
 DT SUBTESTS: Visual Pursuit and Permanence of Objects; The Construction of Object in Space; Development of Schemas in Relation to Objects; Localization of an Object by Its Sound in the Waking State.  
 AU AUTHOR: McElroy-Evelyn-M.  
 YR YEAR: 73.  
 AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Avenue, Alexandria, VA 22304 (ED 171 763, 843p.).  
 TG TARGET AUDIENCE: AGE 0-1.  
 NT NOTES:  
 TIME: 5; approx.  
 ITEMS: 18.  
 AB ABSTRACT: This volume consists of a series of psychosocial and physiological clinical nursing instruments. The instruments were selected from the published literature in health care, education, psychology, and the social sciences. Instruments focus upon nursing practice and stress patient variables. Instrument is designed to measure neonate's (birth-two months) sensorimotor intelligence. This is a modified version of the Uzgiriz-Hunt Infant Psychological Development Scale. Must be administered by an investigator trained to reliably judge neonate responses. Instrument is based upon Piaget's theory of sensorimotor intelligence.

AN ACCESSION NUMBER: TC009830 ETS 8403.  
 TI TITLE: Precausal Thinking Questionnaires.  
 DT SUBTESTS: The Concept of Dream; The Concept of Life; The Origin of Night; The Movement of Clouds; The Floating and Sinking of Objects.  
 AU AUTHOR: Laurendeau-Monique; Pinard-Adrien.  
 YR YEAR: 62.  
 AV AVAILABILITY: Laurendeau, Monique; Pinard, Adrien; Causal Thinking in the Child: A Genetic and Experimental Approach; New York; International Universities Press, 1962.  
 TG TARGET AUDIENCE: AGE 4-12.  
 NT NOTES:  
 ITEMS: (161).  
 AB ABSTRACT: Series of verbal interview type measures in which a series of problems are discussed with the child such as "Why doesn't a marble float?" The child's responses indicate the age at which stages of intellectual evolution are reached. Part of a study to verify Piaget's conclusions on forms of precausal thinking; realism; animism; artificialism; dynamism; and understanding of physical laws.

AN ACCESSION NUMBER: TC009364 ETS 8403.  
 TI TITLE: Inventory of Piaget's Developmental Tasks.  
 DT SUBTESTS: Quantity; Levels; Sequence; Weight; Matrix; Symbols;  
 Perspective; Movement; Volume; Seriation; Rotation; Angles;  
 Shadows; Classes; Inclusion; Inference; Probability.  
 AU AUTHOR: Furth-Hans.  
 YR YEAR: 70.  
 AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational  
 Testing Service, Princeton, NJ 08541.  
 TG TARGET AUDIENCE: AGE 8-14.  
 NT NOTES:  
 ITEMS: 72.  
 AB ABSTRACT: A paper and pencil version of Piaget's tasks. It is  
 intended for children from age eight to mid-adolescence. There are  
 eighteen problem areas each consisting of one example and four  
 questions. The inventory is untimed.

AN ACCESSION NUMBER: TC009050 ETS 8403.  
 TI TITLE: Wachs Analysis of Cognitive Structures.  
 DT SUBTESTS: Identification of Objects; Object Design; Graphic  
 Design; General Movement.  
 AU AUTHOR: Wachs-Harry; Vaughan-Lawrence-J.  
 YR YEAR: 77.  
 AV AVAILABILITY: Western Psychological Services; 12031 Wilshire  
 Boulevard, Los Angeles, CA 90025.  
 TG TARGET AUDIENCE: AGE 3-6.  
 NT NOTES:  
 TIME: 45; approx.  
 AB ABSTRACT: Designed to detect quality of a child's actual  
 performance of high level thinking for various body and sense  
 thinking tasks. Fifteen clusters of tasks are grouped into four  
 subjects. Inventory activities are presented as  
 challenging games.

AN ACCESSION NUMBER: TC008955 ETS 8403.  
 TI TITLE: Visco Child Development Screening Test.  
 DT SUBTESTS: Fine Motor Skills; Gross Motor Skills; Visual Sequencing-Body Directions; Auditory Sequencing-Body Directions; Copy Figures; Perceptuomotor-Spatial Directions; Auditory Sequencing; Numerical Counting; Numerical Gestalt; Draw-A-Picture; Language; Articulation.  
 AU AUTHOR: Visco-Susan-J; Visco-Carmela-R.  
 YR YEAR: 78.  
 AV AVAILABILITY: Educational Activities, Inc.; P.O. Box 392; Freeport, NY 11520.  
 TG TARGET AUDIENCE: AGE 3-7.  
 NT NOTES:  
 TIME: 30; approx.  
 AB ABSTRACT: Designed to identify children who are likely to experience significant difficulty with traditional school curriculum. Based on Piaget's stage theory of development and Osgood's Communications model showing the child's efficiency in processing information.

AN ACCESSION NUMBER: TC008932 ETS 8403.  
 TI TITLE: Science Reasoning Level Test.  
 AU AUTHOR: Duszynska-Anna.  
 AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Avenue, Alexandria, VA 22304 (ED 144 988; 28 pages).  
 GL GRADE LEVEL: 4; 5; 6.  
 NT NOTES:  
 ITEMS: 16.  
 AB ABSTRACT: Designed to determine whether a test based on Piaget model of development of thought processes could be used to study the development of scientific reasoning in elementary school students. Relationship between reasoning and academic achievement and patterns in development of thought processes were compared for students in Poland and United States.

AN ACCESSION NUMBER: TC008424 ETS 8403.  
 TI TITLE: Formal Operations Test-Literature.  
 AU AUTHOR: Bart-William-M.  
 YR YEAR: 72.  
 AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.  
 TG TARGET AUDIENCE: AGE 13-19.  
 NT NOTES:  
 ITEMS: 30.  
 AB ABSTRACT: Measures formal reasoning ability in using 30 logic items with literary content. Each item requires a simple deduction through use of logical rules of inference in order for the validly deductible response to be recognized. One of three tests covering different subject areas.

AN ACCESSION NUMBER: TC008423 ETS 8403.  
 TI TITLE: Formal Operations Test-History.  
 AU AUTHOR: Bart-William-M.  
 YR YEAR: 72.  
 AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.  
 TG TARGET AUDIENCE: AGE 13-19.  
 NT NOTES:  
 ITEMS: 30.  
 AB ABSTRACT: Measures formal reasoning ability using 30 logic items with historical content. Each item requires a simple deduction through use of logical rules of inference in order for the validly deductible response to be recognized. One of three tests covering different subject areas.

AN ACCESSION NUMBER: TC008422 ETS 8403.  
 TI TITLE: Formal Operations Test-Biology.  
 AU AUTHOR: Bart-William-M.  
 YR YEAR: 72.  
 AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.  
 TG TARGET AUDIENCE: AGE 13-19.  
 NT NOTES:  
 ITEMS: 30.  
 AB ABSTRACT: Measures formal reasoning ability using 30 logic items with biological content. Each item requires a simple deduction through use of logical rules of inference in order for the validly deductible response to be recognized. One of three tests covering different subject areas.

AN ACCESSION NUMBER: TC008373 ETS 8403.  
 TI TITLE: Matric Test of Referential Communication.  
 AU AUTHOR: Greenspan-Stephen; Barenboim-Carl.  
 YR YEAR: 74.  
 AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.  
 GL GRADE LEVEL: 1; 2; 3; 4; 5; 6.  
 AB ABSTRACT: Assesses communicative egocentrism using a 3x3 matrix board and colored, geometric shapes. The child is asked to dictate instructions that would enable a hypothetical other child who is unable to see the subject's board to replicate a design that the subject has made on his matrix board. Scoring of these instructions provides a measure of the child's cognitive-developmental level in an area of functioning significant to Piagetian theory.



AN ACCESSION NUMBER: TC008369 ETS 8403.  
 TI TITLE: Arithmetic Concept Individual Test.  
 DT SUBTESTS: Seriation; Classification and Inclusion of Class;  
 Rotation of Landscape; Conservation of Number; Perception of  
 Differences in Length; One to One Correspondence.  
 AU AUTHOR: Melnick-Gerald-I; And Others.  
 YR YEAR: 72.  
 AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational  
 Testing Service, Princeton, NJ 08541.  
 GL GRADE LEVEL: K; 1; 2; 3.  
 NT NOTES:  
 TIME: 50; approx.  
 ITEMS: 72.  
 AB ABSTRACT: Based on Piagetian concepts, the test is designed to  
 assess the process by which primary level educable retarded children  
 handle quantitative relations and to diagnose why particular  
 children do not progress in their arithmetic skills. It consists of  
 tasks related to seriation, classification, class inclusion,  
 differentiation of length and number concepts, one-to-one  
 correspondence, conservation of number, and spatial relations.  
 Individually administered. The test is intended as a follow-up to  
 the group-administered Arithmetic Concept Screening Test (008370).

AN ACCESSION NUMBER: TC008329 ETS 8403.  
 TI TITLE: Six Music Conservation Tasks.  
 AU AUTHOR: Zimmerman-Marilyn-P; Sechrest-Lee.  
 YR YEAR: 66.  
 AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational  
 Testing Service, Princeton, NJ 08541.  
 TG TARGET AUDIENCE: AGE 5-13.  
 NT NOTES:  
 TIME: 60; approx.  
 ITEMS: 6.  
 AB ABSTRACT: Developed to assess children's acquisition of the  
 Piagetian concept of conservation in musical development. The six  
 tasks are: conservation of duration, conservation of meter,  
 conservation of rhythm pattern under deformation of tone,  
 conservation of tonal pattern under deformation of pitch,  
 conservation of melody under deformation of tempo, and conservation  
 of tonal pattern under deformation of rhythm.

AN ACCESSION NUMBER: TC008328 ETS 8403.  
 TI TITLE: Four Music Conservation Tasks.  
 AU AUTHOR: Zimmerman-Marilyn-P; Sechrest-Lee.  
 AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational  
 Testing Service, Princeton, NJ 08541.  
 TG TARGET AUDIENCE: AGE 5-13.  
 NT NOTES:  
 TIME: 30.

ITEMS: 4.

AB ABSTRACT: Designed to assess the development of simple conservation skills in music listening. They consist of four musical phrases in which systematic deformations are made. The deformations include change of instrument, mode, tempo, harmony, rhythm, contour, and interval. The respondent must indicate whether the second tune is the same as or different from the first and describe how it is the same or different.

AN ACCESSION NUMBER: TC008008 ETS 8403.

TI TITLE: Pupil Evaluation Measure.

AU AUTHOR: Evans-Velma; Whitney-Edward-N.

YR YEAR: 73.

AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.

TG TARGET AUDIENCE: AGE 2-7.

NT NOTES:

ITEMS: 9.

AB ABSTRACT: Measure based on Piagetian stages of cognitive development. Each of the nine tasks provide for observation of the pupil's growth as he masters simple concrete tasks and proceeds to a more abstract level. Observations are conducted once a month.

AN ACCESSION NUMBER: TC007782 ETS 8403.

TI TITLE: The Electrostatics Test.

DT SUBTESTS: Additive Classification; Multiplicative Classification; Seriation.

AU AUTHOR: Bridgham; Robert-G.

AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.

GL GRADE LEVEL: 3.

NT NOTES:

TIME: 75; approx.

ITEMS: 30.

AB ABSTRACT: Employs 30 Piaget-like tasks to assess achievement in additive and multiplicative classification, seriation, and electrostatics concepts.

AN ACCESSION NUMBER: TC006907 ETS 8403.

TI TITLE: Piaget Task Kit.

AU AUTHOR: Stibal; Willard-O.

YR YEAR: 71.

AV AVAILABILITY: Bureau of Educational Measurements, Emporia State University; 1200 Commercial, Emporia, KS 66801.

TG TARGET AUDIENCE: AGE 2-8.

AB ABSTRACT: Designed to aid teacher in determining at which Piagetian

Level a child is functioning. Kit consists of complete set of materials needed. These include clay, colored paper bars; wooden bars; glass containers, flat plastic containers; and the paper form of the Stibal's Modmath Kit.

AN ACCESSION NUMBER: TC006603 ETS 8403.  
 TI TITLE: Territorial Decentration Test.  
 DT SUBTESTS: Verbal Territorial Identification; Verbal Territorial Relationship; Territorial Inclusion Using Written Symbols; Territorial Inclusion Using Props.  
 AU AUTHOR: Stoltman-Joseph-P.  
 YR YEAR: 71.  
 AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.  
 TG TARGET AUDIENCE: AGE 5-12.  
 NT NOTES:  
 TIME: 20.  
 ITEMS: 38.  
 AB ABSTRACT: Individually administered Piagetian measure designed to assess a child's comprehension of particular territorial relationships. Props consisting of colored rectangles and discs are used. Sets of maps are needed.

AN ACCESSION NUMBER: TC006571 ETS 8403.  
 TI TITLE: Piaget Right-Left Awareness Test.  
 AU AUTHOR: Belmont-Lillian; Birch-Herbert-G.  
 YR YEAR: 65.  
 AV AVAILABILITY: Child Development; v31; n1 p57-71; 1965.  
 GL GRADE LEVEL: 1; 2; 3; 4; 5; 6.  
 AB ABSTRACT: Designed to assess student's ability to differentiate between left and right. Difficulty with this concept is more common for girls than boys and more common among left handers than right handers. Piaget-developed norms for the test are given for ages five to eleven.

AN ACCESSION NUMBER: TC006183 ETS 8403.  
 TI TITLE: Number Concept Test.  
 AU AUTHOR: Wheatley-Grayson-H Jr.  
 AV AVAILABILITY: Athey, Irene, Editor; Educational Implications of Piaget's Theory, New York: Wiley, 1970.  
 GL GRADE LEVEL: 1.  
 AB ABSTRACT: Test based on Piagetian Theory designed to measure conservation (number), cardinality, counting, one-to-one correspondence, and conservation of length. From an article by Grayson H. Wheatley, Jr. entitled Conservation, Cardinality, and Counting as Factors in Mathematics Achievement. Included in Educational Implications of Piaget's Theory edited by Irene J. Athey and Duane O. Rubadeau. New York: Wiley, 1970.

AN ACCESSION NUMBER: TC006179 ETS 8403.  
 TI TITLE: Eliot-Price Test.  
 AU AUTHOR: Eliot-John; Price-Lewis.  
 YR YEAR: 74.  
 AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.  
 TG TARGET AUDIENCE: AGE 9-65.  
 NT NOTES:  
 TIME: 20; approx.  
 ITEMS: 30.  
 AB ABSTRACT: Research instrument designed to measure the ability to perceive and to imagine object arrangements from different viewpoints. It is a pictorial adaptation of Piaget's three-mountain task. Intended for children and adults in grade 4 and above. However, if administered individually, the test may be used with children in grades 2 and 3.

AN ACCESSION NUMBER: TC006156 ETS 8403.  
 TI TITLE: The Floating and Sinking of Objects.  
 AU AUTHOR: Laurendeau-Monique; Pinard-Adrien.  
 YR YEAR: 62.  
 AV AVAILABILITY: Laurendeau, Monique and Pinard, Adrien; Causal Thinking in the Child. New York: International Universities Press, Inc., 1962.  
 TG TARGET AUDIENCE: AGE 4-12.  
 NT NOTES:  
 AB ABSTRACT: Designed to assess child's understanding of physical laws. This provides information about his logic and mental representations.

AN ACCESSION NUMBER: TC006155 ETS 8403.  
 TI TITLE: The Movement of Clouds.  
 AU AUTHOR: Laurendeau-Monique; Pinard-Adrien.  
 YR YF R: 62.  
 AV AVAILABILITY: Laurendeau, Monique and Pinard, Adrien; Causal Thinking in the Child. New York: International Universities Press, Inc., 1962.  
 TG TARGET AUDIENCE: AGE 4-12.  
 NT NOTES:  
 AB ABSTRACT: Designed to assess dynamism, belief that power or energy is possessed by objects in the environment. Young children believe that movement of humans controls cloud movements.

AN ACCESSION NUMBER: TC006154 ETS 8403.  
 TI TITLE: Origin of Night.  
 AU AUTHOR: Laurendeau-Monique; Pinard-Adrien.  
 YR YEAR: 62.  
 AV AVAILABILITY: Laurendeau, Monique and Pinard, Adrien; Causal

Thinking in the Child. New York: International Universities Press, Inc., 1962.

TG TARGET AUDIENCE: AGE 4-12.

NT NOTES:

AB ABSTRACT: Designed to assess artificialism in the child. Artificialism is the belief that everything is the result of human industry.

AN ACCESSION NUMBER: TC006153 ETS 8403.

TI TITLE: The Concept of Life.

AU AUTHOR: Laurendeau-Monique; Pinard-Adrien.

YR YEAR: 62.

AV AVAILABILITY: Laurendeau, Monique and Pinard, Adrien; Casual Thinking in the Child. New York: International Universities Press, Inc., 1962.

TG TARGET AUDIENCE: AGE 4-12.

NT NOTES:

AB ABSTRACT: Designed to examine child's animism, the tendency to consider all objects as living.

AN ACCESSION NUMBER: TC006152 ETS 8403.

TI TITLE: The Concept of Dream.

AU AUTHOR: Laurendeau-Monique; Pinard-Adrien.

YR YEAR: 62.

AV AVAILABILITY: Laurendeau, Monique and Pinard, Adrien; Casual Thinking in the Child. New York: International Universities Press, Inc., 1962.

TG TARGET AUDIENCE: AGE 4-12.

NT NOTES:

AB ABSTRACT: Designed to assess child's realism by investigating his conception of the dream phenomenon.

AN ACCESSION NUMBER: TC006132 ETS 8403.  
 TI TITLE: Coordination of Perspectives.  
 AU AUTHOR: Piaget-Jean.  
 YR YEAR: 70.  
 AV AVAILABILITY: Laurendeau, Monique and Pinard, Adrien; The Development of the Concept of Space in the Child. New York: International Universities Press, Inc., 1970.  
 TG TARGET AUDIENCE: AGE 2-12.  
 NT NOTES:  
 AB ABSTRACT: Designed to determine stages making the progressive development of projective space. Projective concepts develop later than topological concepts. This is an experimental test.

AN ACCESSION NUMBER: TC006131 ETS 8403.  
 TI TITLE: Concepts of Left and Right.  
 AU AUTHOR: Piaget-Jean.  
 YR YEAR: 70.  
 AV AVAILABILITY: Laurendeau, Monique and Pinard, Adrien; The Development of the Concept of Space in the Child. New York: International Universities Press, Inc., 1970.  
 TG TARGET AUDIENCE: AGE 2-12.  
 NT NOTES:  
 AB ABSTRACT: Designed to assess the development of the most basic concepts of projective space in an effort to understand the child's construction and progressive coordination of the major dimensions of this space. This is an experimental test.

AN ACCESSION NUMBER: TC006130 ETS 8403.  
 TI TITLE: Construction of a Projective Straight Line.  
 AU AUTHOR: Piaget-Jean.  
 YR YEAR: 70.  
 AV AVAILABILITY: Laurendeau, Monique and Pinard, Adrien; The Development of the Concept of Space in the Child. New York: International Universities Press, Inc., 1970.  
 TG TARGET AUDIENCE: AGE 2-12.  
 NT NOTES:  
 AB ABSTRACT: Designed to measure child's ability to construct a straight line between two points. Child arranges a group of elements in a single constant direction. This ability illustrates the shift from topological representations to projective and Euclidian representations in the child's conception of space. This is an experimental test.

AN ACCESSION NUMBER: TC006129 ETS 8403.  
 TI TITLE: Localization of Topographical Positions.  
 AU AUTHOR: Piaget-Jean.  
 YR YEAR: 70.  
 AV AVAILABILITY: Laurendeau, Monique and Pinard, Adrien; The

Development of the Concept of Space in the Child. New York:  
International Universities Press, Inc., 1970.

TG TARGET AUDIENCE: AGE 2-12.

NT NOTES:

AB ABSTRACT: Designed to assess child's early spatial representations with emphasis on problem of the extension of topological concepts into projective and Euclidian concepts. Child must place objects on landscape in exact position shown by examiner. This is an experimental test.

AN ACCESSION NUMBER: TC006128 ETS 8403.

TI TITLE: Stereognostic Recognition of Objects and Shapes.

AU AUTHOR: Piaget-Jean.

YR YEAR: 70.

AV AVAILABILITY: Laurendeau, Monique and Pinard, Adrien; The Development of the Concept of Space in the Child. New York: International Universities Press, Inc., 1970.

TG TARGET AUDIENCE: AGE 2-12.

NT NOTES:

AB ABSTRACT: Designed to demonstrate development of the most elementary concepts of topological space and the genetic primacy of these concepts in relation to Euclidian concepts. Student identifies objects through sense of touch. This is an experimental test.

AN ACCESSION NUMBER: TC004114 ETS 8403.

TI TITLE: Concept Assessment Kit - Conservation.

DT SUBTESTS: Two-Dimensional Space; Number; Substance; Continuous Quantity; Weight; Discontinuous Quantity.

AU AUTHOR: Goldschmid-Marcel-L; Bentler-Peter-M.

YR YEAR: 68.

AV AVAILABILITY: Educational and Industrial Testing Service; P.O. Box 7234; San Diego, CA 92107.

TG TARGET AUDIENCE: AGE 4-8.

NT NOTES:

TIME: 15; approx.

ITEMS: 44.

AB ABSTRACT: Designed to measure child's level of conservation as determined by his conservation behavior and his comprehension of the principle involved. Conservation behavior refers to child's judgment of the relative quantity of two objects, one of which has just been manipulated by the examiner. Comprehension is assessed by the child's explanation for his judgment. Forms A and B are parallel forms. Form C measures slightly different dimension of conservation and includes tasks of area and length.

AN ACCESSION NUMBER: TC865011 ETS 8206.  
 TI TITLE: Concept Development Test V2.  
 AU AUTHOR: Freyberg-P-S.  
 AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.  
 TG TARGET AUDIENCE: AGE 6-10.  
 NT NOTES:  
 ITEMS: 75.  
 AB ABSTRACT: Designed to examine Piaget's contention that certain kinds of concepts develop contemporaneously. Concepts measured are: numerical correspondence, conservation (continuous quantity), conservation (discontinuous quantity), numerical equivalence, numerical associativity, class concepts (visual), class concepts (non-visual), conservation (mass), additive composition (money-visual), additive composition (money-non-visual), conservation (weight), positional relationships, speed concepts, transitive relationships, causal relationships, age concepts, kinship relationships, and ordination.

AN ACCESSION NUMBER: TC810659 ETS 8908.  
 TI TITLE: Piagetian Tests for the Primary School.  
 DT SUBTESTS: Additive Classification, Visual, Haptic and Anticipatory; Composition of Classes; Class Inclusion; Multiplicative Classifications; Multiplication of Classes; Multiplication of Relations; Continuous Quantity, Liquid and Solid, Weight, Number, Volume, Length; Transitivity of Discontinuous Quantity; Transitivity of Weight; Transitivity of Length; Seriation; Correspondence and Composition; Addition and Subtraction of One Unit; Tests of Spatial Concepts.  
 AU AUTHOR: Fogelman-K-R.  
 YR YEAR: 70.  
 AV AVAILABILITY: NFER-Nelson Publishing; Darville House, 2 Oxford Road East, Windsor, Berks, England SL4 1DF.  
 TG TARGET AUDIENCE: AGE 5-12.  
 AB ABSTRACT: This volume describes the experimental procedures of Piaget and Inhelder in enough detail that an interested teacher or researcher could reconstruct them for classroom use. Also lists citations of studies using these procedures and the results obtained. Covers logical operations, conservation, transitivity and seriation, number concepts, spatial concepts.

AN ACCESSION NUMBER: TC810533 ETS 8304.  
 TI TITLE: Linguistic Awareness in Reading Readiness Test.  
 DT SUBTESTS: Recognizing Literacy Behavior; Understanding Literacy Functions; Technical Language of Literacy.  
 AU AUTHOR: Downing-John; And Others.  
 YR YEAR: 83.  
 AV AVAILABILITY: NFER-Nelson Publishing Company; Darville House, 2 Oxford Road East, Windsor, Berks SL4 1DF, England.



GL GRADE LEVEL: K; 1.

NT NOTES:

TIME: 60; approx.

ITEMS: 75.

AB ABSTRACT: Series of group tests useful in determining strengths and weaknesses of both individual pupils and the class with regard to their understanding of the linguistic concepts needed for reasoning about the tasks of reading instruction. Each of the three subtests has two alternate forms, equal in conceptual content and level of difficulty. Based on recent research which shows reading readiness is closely related to linguistic awareness and related concepts of functions and features of written language. Test has its foundations in the work of Jean Piaget and Lev Vygotsky. Principle underlying test is that learner must understand purpose of the skill to be acquired and the concepts used for talking and thinking about how to perform the skill. The subtest recognizing literacy behavior measures extent to which child recognizes kinds of activities involved in skills of reading and writing. The understanding literacy functions subtest deals with the concept of the varied purposes of reading and writing. The technical language of literacy subtest measures child's knowledge of technical terms used in describing features of written language.

AN ACCESSION NUMBER: TC800172 ETS 8304.

TI TITLE: ACER Mathematics Profile Series: Measurement Test.

AU AUTHOR: Cornish-Greg; Wines-Robin.

YR YEAR: 79.

AV AVAILABILITY: Australian Council for Educational Research; P. O. Box 210; Hawthorn, Victoria, Australia 3122.

GL GRADE LEVEL: 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.

NT NOTES:

TIME: 30.

ITEMS: 30.

AB ABSTRACT: Designed to provide teachers with a flexible testing system by which the teacher can identify and monitor the students' mathematical ability and development throughout the students' schooling. Measures mathematical development pertaining to measurement and mensuration. Can be used as an achievement, diagnostic or criterion-referenced test. Used a Rasch Model to develop the MAPS scale in relationship to Piagetian cognitive stages of development. Consists of Units I, II, and III. The teacher decides which unit is appropriate for her/his students. The authors suggest that the unit chosen be the one in which most of the students will probably respond correctly to one half or more of the items. Called an experimental edition.

AN ACCESSION NUMBER: TC800148 ETS 8304.  
 TI TITLE: ACER Mathematics Profile Series; Space Test.  
 AU AUTHOR: Wines-Robin; Cornish-Greg.  
 YR YEAR: 78.  
 AV AVAILABILITY: Australian Council for Educational Research; P.O. Box 210; Hawthorn, Victoria, Australia 3122.  
 GL GRADE LEVEL: 7; 8; 9; 10.  
 NT NOTES:  
 TIME: 30.  
 ITEMS: 32.  
 AB ABSTRACT: To give teachers a flexible testing system which monitors students' spatial development, assesses their performance, and allows teachers to diagnose weaknesses. The authors feel that the tests may be used for achievement testing, criterion-referenced testing and diagnostic testing. Contains four units; the teacher decides which unit will best suit his requirements and his students' needs. Uses the MAPS scale, developed from the Rasch Measurement Technique, by which teachers can relate one's mathematical development to the Piagetian stages of operational thinking. Called experimental edition. NOTE: the authors divide the questions into one or more content areas: Basic concepts (perception and topology); Location, distance and angular relations; Shapes, solids (properties and relations); and Spatial transformations.

AN ACCESSION NUMBER: TC800138 ETS 8304.  
 TI TITLE: ACER Mathematics Profile Series; Operations Test.  
 DT SUBTESTS: Small Numbers; Large Numbers; Pronumerals.  
 AU AUTHOR: Cornish-Greg; Wines-Robin.  
 YR YEAR: 77.  
 AV AVAILABILITY: Australian Council for Educational Research; P.O. Box 210; Hawthorn, Victoria, Australia 3122.  
 GL GRADE LEVEL: 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.  
 NT NOTES:  
 TIME: 50; approx.  
 ITEMS: 60.  
 AB ABSTRACT: Used a Rasch Model to develop the MAPS Scale (which is broadly related to the Piagetian cognitive stages of development). Designed to provide teachers with a flexible testing system by which the teacher can identify and monitor the students' mathematical ability and development throughout the students' schooling. Younger children are given only a portion of the complete test. This is the experimental edition with questions based on those developed by Professor K. F. Collis.

AN ACCESSION NUMBER: TC800106 ETS 8304.  
 TI TITLE: Understanding In Science Test.  
 DT SUBTESTS: Reflection From Plane Surface; Principle of Balance; Balancing Columns of Liquids; Projection of Shadows.  
 AU AUTHOR: Tisher-R-P; Dale-L-G.

YR YEAR: 75.

AV AVAILABILITY: Australian Council for Educational Research; P.O. Box 210; Hawthorn, Victoria, Australia 3122.

TG TARGET AUDIENCE: AGE 12-16.

NT NOTES:

TIME: 40; approx.

ITEMS: 24.

AB ABSTRACT: Developed by Dr. R.P. Tisher for his B.A. thesis and modified by both authors. Untimed measure of student's level of thinking and understanding of certain scientific concepts. Scored in terms of Piagetian stages of development. Four experiments are set up by the teacher; the student answers a series of questions based upon each physical set up. Requires the use of common equipment found in any school.

## ETS TEST COLLECTION VIA INTERNET

The ERIC Clearinghouse on Assessment and Evaluation has mounted on its gopher site a database to help locate tests. This database can be used by accessing the gopher at the address: GOPHER.CUA.EDU. The ERIC/ETS Test Collection is located under: Special Resources/ ERIC Clearinghouse on Assessment and Evaluation/ Test Locator/.

To search the database, enter keywords from the title or descriptors. For example, if you would like to search for tests on oral language proficiency, you could type in all three words, or oral and proficiency. You may get slightly different results, but you will have information on a lot of tests to look at. If you know the title of the test, the best way to search is to use the main words in the title, not necessarily all of the words in the title. If you are looking for the Wechsler Intelligence Scale for Children-Revised, the most efficient way to search is with the words Wechsler, intelligence, and children.

### INTRODUCTION TO THE ETS TEST COLLECTION

The Educational Testing Service (ETS) Test Collection database contains records on over 9,500 tests and research instruments. These records describe the instruments and provide availability information. The Test Collection encompasses virtually all fields from vocational interest inventories for adults to instruments that measure shyness or predict recidivism in released criminal offenders, to assessment of managerial style, as well as education-related achievement and aptitude tests. The test descriptions are indexed with ERIC Thesaurus terms for subject accessibility.

This is a joint project of ETS and ERIC AE. ETS Library and Reference Services Division prepares the descriptions. ERIC AE maintains the database and hosts the Search System. ERIC AE has also begun to put ETS prepared test descriptions into the ERIC *Resources in Education* database. About 15 descriptions are added each month.

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### WHAT KIND OF TEST ARE DESCRIBED?

The Test Collection database collects a variety of instruments: achievement tests, aptitude tests, personality measures, attitude measures, career/vocational interest measures, occupational tests such as nursing or sales skills inventories. Many research instruments are collected as well as tests from commercial publishers.

### WHAT INFORMATION IS AVAILABLE ABOUT THE TESTS?

The title, author, publication date and source appear in the record. An abstract describing the instrument, intended population, and uses accompanies the record. Subject terms give the age and grade level information as well as ERIC Thesaurus terms that describe the test.

DOES THE TEST COLLECTION DATABASE REVIEW THE TESTS?

No, other reference guides such as Mental Measurements Yearbooks, Tests: A Comprehensive Reference for Assessments in Psychology, Education, and Business, and Test Critiques distributed by Pro-Ed fill that role. You can search the tables of contents for the MMY and Test Critiques through the ERIC\_AE Gopher Site.

ARE ALL THE TESTS IN THE DATABASE CURRENTLY IN PRINT?

No, some of the items are out of print. We suggest contacting the publisher for permission to use out-of-print materials. Phone numbers can be located using another menu option on the ERIC\_AE Gopher Site.

WHERE CAN I SEE THE ACTUAL TEST INSTRUMENTS?

Availability information is provided in the records. Many colleges and universities have test collections in their libraries. Talk to you local librarian for more information.

WHAT IS TESTS IN MICROFICHE?

Tests in Microfiche is a subcollection of unpublished research instruments that are available for purchase in microfiche from the ETS Test Collection. The collection includes instruments appropriate for diverse populations (infants, learning disabled, adults, etc.) Each set spans a wide range of topics such as job satisfaction and attitudes towards school. More than 800 tests are available.

DOES THE TEST COLLECTION PROVIDE REFERENCE SERVICES?

No, the descriptive information in the database should help answer most questions people may have. And the publisher of the particular test is the most competent source of information. You can, however, route general inquiries to ERIC\_AE@CUA.EDU.

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